

p73 (phospho Tyr99) Polyclonal Antibody

Catalog # AP67150

Specification

p73 (phospho Tyr99) Polyclonal Antibody - Product Information

Application WB, IHC-P
Primary Accession
Reactivity Human, Mouse
Host Rabbit

p73 (phospho Tyr99) Polyclonal Antibody - Additional Information

Gene ID 7161

Other Names

TP73; P73; Tumor protein p73; p53-like transcription factor; p53-related protein

Dilution

Clonality

WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/10000. Not yet tested in other applications. IHC-P~ \sim N/A

Polyclonal

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

p73 (phospho Tyr99) Polyclonal Antibody - Protein Information

Name TP73

Synonyms P73

Function

Participates in the apoptotic response to DNA damage. Isoforms containing the transactivation domain are pro-apoptotic, isoforms lacking the domain are anti-apoptotic and block the function of p53 and transactivating p73 isoforms. May be a tumor suppressor protein. Is an activator of FOXJ1 expression (By similarity). It is an essential factor for the positive regulation of lung ciliated cell differentiation (PubMed:34077761).

Cellular Location

Nucleus. Cytoplasm. Note=Accumulates in the nucleus in response to DNA damage

Tissue Location

Expressed in striatal neurons of patients with Huntington disease (at protein level). Brain, kidney,



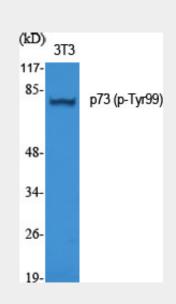
placenta, colon, heart, liver, spleen, skeletal muscle, prostate, thymus and pancreas Highly expressed in fetal tissue. Expressed in the respiratory epithelium (PubMed:34077761).

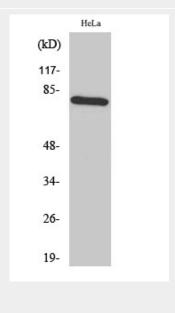
p73 (phospho Tyr99) Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

p73 (phospho Tyr99) Polyclonal Antibody - Images









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p73 (phospho Tyr99) Polyclonal Antibody - Background

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